

ECONOMICS AND STATISTICS ADMINISTRATION

U.S. CENSUS BUREAU

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# ADVANCE MONTHLY RETAIL SALES DECEMBER 1999

The Census Bureau of the Department of Commerce announced today that advance estimates of U.S. retail sales for December adjusted for seasonal, holiday, and trading-day differences, but not for price changes, were \$259.6 billion, an increase of 1.2 percent  $(\pm 0.7\%)$  from the previous month and up 9.7 percent  $(\pm 0.9\%)$  from December 1998. Total sales for the 12 months of 1999 were \$3.0 trillion, up 8.9 percent  $(\pm 0.3\%)$  from the 1998 total. The October to November 1999 percent change was revised from +0.9 percent  $(\pm 0.7\%)$  to +1.1 percent  $(\pm 0.2\%)$ .

Durable goods increased 1.1 percent (±1.4%) from November and were 10.2 percent above last year. Automotive sales were up 10.9 percent from December a year ago, while building materials sales were up 8.2 percent from last year.

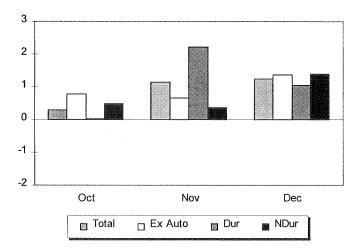
Nondurable goods increased 1.4 percent ( $\pm 0.6\%$ ) from November and were up 9.4 percent from December 1998. Gasoline sales were up 21.9 percent from December a year ago, while drug store sales were up 11.7 percent from last year.

The advance estimates are based on a small subsample of the Bureau's full retail sales sample. Estimates from the advance and the subsequent full survey can differ because of the earlier reporting in the advance and because of sampling variability present in both surveys.

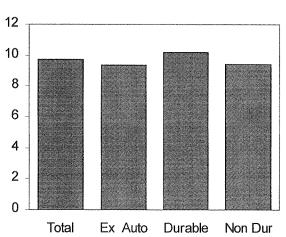
## Percent Change in Retail Sales

(Data adjusted for seasonal, holiday, and trading-day differences, but not for price changes)

#### From Previous Month



#### From Previous Year



The Advance Monthly Retail Sales Report for January is scheduled to be released February 11, 2000 at 8:30 a.m.

Address inquiries concerning this report to Scott Scheleur, Service Sector Statistics Division, U.S. Census Bureau, Washington, DC 20233. Telephone: 301-457-2713 or 301-457-2666.

This report is available the day of issue through the Department of Commerce's online Economic Bulletin Board. For information call 202-482-1986. The data are also available on the Internet - http://www.census.gov/svsd/www/advtable.html.

Table 1. Estimated Monthly Retail Sales, By Kind of Business

(In Millions of Dollars and Annual Percent Change)

(In Millio	ns of Dollars and Annual Percent Change)	Change) Not adjusted Adjusted Adjusted										ONE SECTION OF THE SE	
SIC	Kind of business	12 month total 1999 1998						1999			1998		
code	Kind of business	12 1110111	Change	Dec.²	Nov.	Oct.	Dec.	Nov.	Dec.²	Nov.	Oct.	Dec.	Nov.
:		1999	from 1998	(a)	(p)	(r)	***************************************		(a)	(p)	(r)	(r)	(r)
upang naturakan katawa menelaki Ked	Retail trade, total	2,991,684	8.9	310,502	257,653	250,825	281,619	232,852	259,645	256,442	253,548	236,609	234,462
:	Total (excl. auto dealers)	2,245,560	8.1	251,346	198,814	189,711	228,459	181,899	194,674	192,050	190,767	178,012	176,961
	Durable goods, total	1,256,285	10.4	120,082	104,238	102,830	108,445	91,559	109,368	108,229	105,870	99,252	97,571
52 521,3 525	Building mat., hardware, garden supply, and mobile home dealers. Building mat. and supply stores Hardware stores	182,679 (*) (*)	10.5 (*) (*)	14,281 (*) (*)	15,176 11,857 1,270	15,510 12,201 1,280	13,347 9,899 1,337	13,171 10,125 1,200	15,798 (*) (*)	15,768 12,111 1,288	15,188 11,720 1,270	14,596 11,098 1,271	14,244 10,817 1,237
55 ex. 554 551,2,5,	Automotive dealers Motor vehicle and miscellaneous	746,124	11.6	59,156	58,839	61,114	53,160	50,953	64,971	64,392	62,781	58,597	57,501
6,7,9 551 553	automotive dealers Motor vehicle (franchised) Auto and home supply stores	707,464 (*) (*)	12.0 (*) (*)	56,085 (*) (*)	55,530 48,175 3,309	57,803 49,699 3,311	50,164 44,131 2,996	47,965 42,148 2,988	61,700 (*) (*)	61,022 (NA) 3,370	59,591 (NA) 3,190	55,430 (NA) 3,167	54,382 (NA) 3,119
57 571 5722,31,4	Furniture, home furnishings, and equipment storesFurniture and home furnishings. Household appliance, radio, TV	163,649 (*)	7.6 (*)	19,965 (*)	15,091 7,221	13,399 6,587	18,520 7,516	13,978 6,618	(*)	13,834 6,511	13,920 6,561	13,107 6,151	12,973 6,066
5722	and computer stores Household appliance stores.	(*) (*)	(*) (*)	(*) (*)	6,769 1,005	5,839 952	9,158 1,082	6,354 922	, , ,	6,244 (NA)	6,306 (NA)	5,970 (NA)	5,916 (NA)
	Nondurable goods, total	1,735,399	7.9	190,420	153,415	147,995	173,174	141,293	150,277	148,213	147,678	137,357	136,891
53 531 531 533 539	General merchandise group stores.  Dept. stores (ex. leased depts)  Dept. stores (in. leased depts) <sup>3</sup> Variety stores  Misc. general mdse. stores	380,723 297,488 (*) (*) (*)	8.3 7.5 (*) (*) (*)	54,060 43,280 (*) (*) (*)		31,341 24,257 24,721 1,243 5,841		34,787 27,587 28,143 1,152 6,048	25,325 (*) (*)	32,319 25,162 25,581 1,227 5,930	25,033 25,537 1,227 5,906	30,152 23,744 24,248 1,010 5,398	30,204 23,680 24,166 1,031 5,493
54 541	Food stores			43,855 41,163		38,880 36,905		36,396 34,501			1 .	37,366 35,403	37,077 35,133
554	Gasoline service stations	179,369	10.7	16,367	15,543	16,219	13,301	12,844	16,367	15,974	15,823	13,422	13,351
56 561	Apparel and accessory stores  Men's and boy's clothing and furnishings stores	134,946 (*)		18,095	,							,	10,756 918
562,3 565	Women's clothing, specialty storesFamily clothing stores	(*)	(*)	(*)	3,167	1 '		3,063 5,068	1 '		1 .	1 '	2,892 (NA)
566	Shoe stores			(*)	1 '	1	1 '	1,708	2		1,744	1,791	1,774
58	Eating and drinking places	285,727	7.2	24,829	23,446	25,162	23,095	21,742	24,755	24,654	24,524	23,164	22,983
591	Drug and proprietary stores	118,806	11.3	12,583	9,955	9,884	11,234	8,936	10,331	10,158	10,137	9,246	9,251
592	Liquor stores	(*)	(*)	(*)	2,380	2,322	3,037	2,149	(*)	2,356			
5961	Total mail order	(*)	(*)	(*	8,776	7,782	9,101	7,551	1	1	1	1	
53,56,57, 594	GAF <sup>4</sup>	(*)	(*)	(*	74,158	63,772	103,202	69,645	(*)	66,122	66,125	62,216	62,131

<sup>\*</sup> Advance estimates are not available from the subsample panel for these kinds of business.

NA Not available.

(a) Advance estimates.

(p) Preliminary.

(r) Revised.

- (1) Data are concurrently adjusted for seasonal variations, holiday, and trading-day differences, but not for price changes. Concurrent seasonal adjustment uses all available unadjusted estimates as input to the X-11 program and the factors derived from the program are used in calculating all seasonally adjusted data shown in this publication. Factors and explanatory material are contained in the Monthly Retail Trade Report, BR-99-11.
- (2) Advance estimates are based on early reporting by a small subsample of the full survey panel. All other estimates are based on the full sample.
- (3) Includes data for leased departments operated within department stores. Data for this line not included in broader kind-of-business totals.
- (4) GAF represents stores which specialize in department store types of merchandise (general merchandise, apparel, furniture, and miscellaneous shopping goods stores).

Note: Totals include data for kinds of business not shown separately.

Table 2. Percent Change in Estimated Monthly Retail Sales, by Kind of Business

(Adjusted for seasonal variations, holiday, and trading-day differences, but not for price changes)

	Percent change								
SIC	Kind of business		Advance m	Nov. 1999	Preliminary m	Oct. 1999 through Dec. 1999 from			
code		Nov. 1999 (p)	Dec. 1998 (r)	Oct. 1999 (r)	Nov. 1998 (r)	July 1999 through Sept. 1999	Oct. 1998 through		
	Retail trade, total	1.2	9.7	1.1	9.4	1.9	9.3		
	Total (excl. automotive dealers)	1.4	9.4	0.7	8.5	2.4	8.8		
	Durable goods, total	1.1	10.2	2.2	10.9	1.9	10.1		
52 55 ex. 554 551,2,5,6,	Building materials, hardware, garden supply, and mobile home dealers Automotive dealers Motor vehicle and miscellaneous automotive dealers	0.2 0.9 1.1	8.2 10.9 11.3	3.8 2.6 2.4	10.7 12.0 12.2	3.6 0.5 0.4	9.0 10.9 11.2		
57	Furniture, home furnishings, and equipment stores	1.3	7.0	-0.6	6.6	1.1	7.2		
	Nondurable goods, total	1.4	9.4	0.4	8.3	2.0	8.8		
53 531 531 54 541	General merchandise group stores  Dept. stores (ex. leased dept.)  Dept. stores (in. leased dept.) <sup>2</sup> Food stores  Grocery stores	(NA)	7.8 6.7 (NA) 7.0 7.1	0.5 0.5 0.2 0.7 0.6	7.0 6.3 5.9 5.8 5.7	1.3 1.0 (NA) 2.3 2.3	7.5 6.6 (NA) 6.0 6.2		
554	Gasoline service stations	2.5	21.9	1.0	19.6	4.1	19.9		
56	Apparel and accessory stores	0.6	4.7	-0.9	3.7	-0.9	4.8		
58 591	Eating and drinking places Drug and proprietary stores	0.4 1.7	6.9 11.7	0.5 0.2	7.3 9.8	3.5 2.4	7.4 11.0		

NA Not available.

<sup>(</sup>p) Preliminary.

<sup>(</sup>r) Revised.

Percent change rounded to nearest tenth.

<sup>(2)</sup> Includes data for leased departments operated within department stores. Data for this line not included in broader kind-of-business totals.

U.S. Department of Commerce U.S. Census Bureau Washington, D.C. 20233

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### Reliability of Data

The Advance estimates are based on a small subsample of the Bureau's full retail sales sample. Estimates from the Advance and the subsequent full survey can differ because of the earlier reporting in the Advance and because of sampling variability present in each survey. The margin of sampling error, as used on page 1, gives a range about the estimate which is a 90% confidence interval. If, for example, the trend estimate is  $\pm 1.2\%$  and the standard error is 0.9%, then the margin of sampling error is  $\pm 1.65$  x 0.9% or  $\pm 1.5\%$ , and the 90% confidence interval is -0.3% to  $\pm 2.7\%$ . If the interval contains 0, it is uncertain whether there was an increase or decrease. For monthly level, the coefficient of variation (CV) is given. The resulting confidence interval is the estimated value  $\pm$  1.65 x CV x (the estimated value).

Estimates of sampling variability are given in Table 3. They are based on two components. The first component is a measure of the average

difference between the Advance and the Preliminary estimates. The second reflects the variability of the Preliminary estimate. Additionally, both the Advance and the full survey are subject to nonsampling errors. Such errors can occur because of nonresponse, insufficient coverage of the universe of retail businesses, and response errors, among others. Precautionary steps are taken to minimize these errors, but their magnitude is not directly measured.

Preliminary estimates for the current month and final estimates for the previous month based on the full sample are published next month in the Monthly Retail Trade Report. This report will provide sales estimates in greater detail and additional measures of sampling variability. It will also present a description of revisions and the techniques used in developing the estimates, and an explanation of confidence intervals and sampling variability (Appendix B, Reliability of Data).

Table 3. Measures of Variability of and Revision to Advance Estimates for Level and Trend

Extracolarización y any deny la polición de del anima de finicia este PALIFICIA de Constitución de la consti		Level of sales: Estimated		d (percent cha ted standard ei	Revision for month- to-month change <sup>2</sup>		
SIC code	Kind of Business	CV <sup>1</sup> for Current Mo. (x 100)	Current Mo. to Previous Mo.	Current Qtr. to Previous Qtr.	Current Mo. to Current Mo. Last Yr.	Average revision	Median absolute revision
	Retail trade, total	7.0	0.4	0.3	0.6	0.2	0.3
	Total (excl. auto dealers)	1.0	0.6	0.3	0.7	0.2	0.3
	Durable goods, total	1.4	0.9	0.6	1.1	0.2	0.5
52	Building materials group stores	3.5	1.9	-1.1	2.7	0.3	1.3
55 ex. 554	Automotive dealers	1.6	1.2	0.8	1.5	0.2	0.6
551,2,5,6,7,9	Motor vehicle and misc. automotive dealers	1.8	1.3	0.9	1.6	0.4	0.7
57	Furniture, home furn, and equipment stores	2.0	1.4	0.7	1.8	0.1	0.5
	Nondurable goods, total	1.1	0.4	0.2	0.5	0.2	0.2
53	General merch. group, total	1	0.6	0.2	0.6	0.1	0.3
531	Dept. stores (ex. leased depts.)	1	0.5	0.1	0.4	0.0	0.3
54	Food stores	1.2	0.2	0.3	0.6	0.2	0.3
541	Grocery stores	1.2	0.2	0.3	0.6	0.2	0.4
554	Gasoline service stations	2.2	1.2	1.4	1.4	0.6	0.9
56	Apparel and accessory stores	1.9	1.5	0.6	1.6	-0.2	0.8
58	Eating and drinking places	5.1	1.0	0.9	2.2	0.4	0.4
591	Drug and proprietary stores	1.7	0.8	0.4	1.2	0.0	0.4



<sup>1)</sup> The coefficients of variation (CVs) for level of sales and the standard errors for trends are medians based on estimates for the preceding 12 months.

<sup>(2)</sup> These columns measure the difference between the Advance/Preliminary ratio and the Preliminary/Final ratio estimates -- i.e., the difference between estimates of trend for the same pair of data months. The revisions are based on the latest 12 months of data.